

AN 1979:528626 CAPLUS
DN 91:128626
TI Treatment of wastes containing plastics
IN Kajimoto, Hikokusu; Shimada, Takafumi; Onojima, Yoshio; Masai, Kazuto;
Miyamoto, Hiroshi; Yoneda, Muneo; Kumagaya, Takeo
PA Mitsubishi Heavy Industries, Ltd., Japan
SO Jpn. Kokai Tokyo Koho, 5 pp.
CODEN: JKXXAF
DT Patent
LA Japanese
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 54067073	A2	19790530	JP 1977-134258	19771109
	JP 56005149	B4	19810203		

PRAI JP 1977-134258 19771109

AB Municipal or industrial wastes contg. polyolefins, polystyrene, PVC, etc.,

are mixed with ≥5% powd. inorg. substances (sand, ash) at 180-450° in a **rotary drum** to reduce their vols. and to fix the wastes in solid form. Thus, 4.9 kg **municipal waste** contg. 80% plastics was mixed with 4 kg sandy earth at 220°. The waste vol. was reduced to 1/10 and, upon screening the roasted waste, 6.2 kg of sand-plastics mixt. spherical particles was obtained.

d his

(FILE 'HOME' ENTERED AT 15:43:28 ON 15 MAR 2004)

FILE 'AGRICOLA, BIOSIS, BIOTECHNO, CABA, CAPLUS, DISSABS, FEDRIP, FOMAD,
FOREGE, FROSTI, FSTA, JICST-EPLUS, PASCAL, PROMT, MEDICONF, NTIS,
NUTRACEUT, SCISEARCH, TOXCENTER' ENTERED AT 15:43:38 ON 15 MAR
2004

L1 1 S NITROGEN (10A) STERILIZATION (10A) WASTES
L2 9 S MUNICIPAL WASTE AND ROTARY DRUM

FILE 'USPATFULL' ENTERED AT 15:49:15 ON 15 MAR 2004

L3 0 S NITROGEN (10A) STERILIZATION (10A) WASTES
L4 1 S ROTARY DRUM (P) MUNICIPAL WASTES
L5 11 S ROTARY DRUM (P) MUNICIPAL WASTE
L6 0 S ROTARY DRUM (P) MUNICIPAL WASTES (P) (SEWAGE OR
SLURRY)
L7 0 S ROTARY DRUM (P) MUNICIPAL WASTES (A) (SEWAGE OR
SLURRY)
L8 0 S ROTARY DRUM (A) MUNICIPAL WASTES (A) (SEWAGE OR
SLURRY)